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09/924,725	08/09/2001	Naoto Arakawa	35.C15674	3968

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EXAMINER	
LETT, THOMAS J	

ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	09/924,725	ARAKAWA, NAOTO	
	Examiner	Art Unit	
	THOMAS J. LETT	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *28 March 2008*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *29-47* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *29-47* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *09 August 2001* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed 28 March 2008 have been fully considered but they are not persuasive.

2. Applicant submits that Pepin fails to disclose or suggest all of the features of the system of either Claim 29 or Claim 46. Specifically, Pepin fails to disclose or suggest at least the features of a first operation and a second operation that are sequentially performed in response to a single user instruction issued from a user interface. Moreover, the present invention allows obtaining print data to be printed in the first operation, prior to the input of this single user instruction, and further enables obtaining scan image data to be printed in the second operation, posterior to the input of this single user instruction.

3. Examiner responds that the printing station 2 shown in figure 1 of Pepin et al, with the help of a user, can obtain print data to be printed in a first operation prior to pressing a “print or start” button (single instruction), and after pressing a “print or start” button, further obtain scan image data to be printed. The printer 2 is a workstation that allows a user to edit and layout documents during workflow as a user sees fit.

4. Applicant furthermore submits that, Claim 46 further includes the feature that both the first data (the data obtained by using the scanner) and the second data (the data stored in the memory unit) are sequentially printed in response to the single user instruction issued from the user interface.

5. Examiner furthermore responds that the scanned data is stored in a memory of print station 2 of Pepin et al. The second data stored in the memory unit is also stored in a memory of print station 2. Both first and second data may be printed sequentially in response to the print button being pressed. All that is required for the files to be sequentially printed is for a user to

select both files (icons) and select "print". The files (icons) may be displayed on user interface 52, col. 7, lines 22-33 and sequentially printed by selecting both files and printing the files.

6. Applicant furthermore submits that the touchscreen is not used to input a single user instruction as a second request via said user interface unit of said printing device, wherein the print data is obtained before inputting the single user instruction and the scan image data is obtained after inputting the single user instruction, as featured in Claims 29 and 46.

7. Examiner responds that the files may be displayed on user interface 52, col. 7, lines 22-33 and sequentially printed by selecting both files and printing the files. The scanned data is stored as a file in a memory of print station 2 of Pepin et al. The second data stored in the memory unit is also stored as a file in a memory of print station 2. Both first and second data may be printed sequentially in response to the print button being pressed at the user interface 52 of the printing machine.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

8. Claims 29-47 are rejected under 35 U.S.C. 102(e) as being anticipated by Pepin et al (USPN 6,151,131).

Regarding claim 29, Pepin et al disclose a printing system (printing system 2, see Fig. 1) which enables a printing device to print data transmitted by a remote computer (image data transmitted from remote sources, col. 5, lines 63-67), said system comprising:

a store controller unit (controller section 7, col. 6, line 64 – col. 7, line 20) that causes a memory unit (system memory 61, col. 7, lines 15-21) to store print data (different print jobs, col. 7, line 18) of a first type job transmitted by said remote computer, wherein said first type job is not a second type job to which a first request by using user interface provided by said remote computer is not performed (delaying completion of a job based on triggered events, see at least col. 2, lines 5-7 and by placeholding to defer the assembling of jobs not as yet performed, col. 11, lines 16-20);

a user interface controller unit (UI 52 includes a combined operator controller/CRT display consisting of an interactive touchscreen 62, keyboard 64, and mouse 66, see at least col. 7, lines 21-23 and col. 7, lines 37-48) that causes a user interface unit of said printing device to perform execute display for selecting at least one of a plurality of data including the print data which has been stored in said memory unit (selected tabs and setting for job tickets of display 62, see at least Fig. 6); and

an operation controller unit (UI 52 includes a combined operator controller/CRT display consisting of an interactive touchscreen 62, keyboard 64, and mouse 66, see at least col. 7, lines 21-23 and col. 7, lines 37-48) that causes said printing device to perform a first operation (e.g., print Covers) relating to a second operation (print page level data), wherein the first operation is an operation for printing scan image data obtained by using a scanner unit to a sheet needed as a cover (image input obtained from a remote source such as a scanner, col. 5, lines 63-67 and using the “COVERS” tab of figure 6) wherein the second operation is an

operation for printing the print data selected by using the display (using the “PAGE LEVEL” tab of figure 6 for printing print data),

wherein the print data of the first type job is stored in the memory unit without starting a printing by said printing device in accordance with receiving the first request via said user interface provided by said remote computer (deferred printing, col. 13, lines 47-49),

wherein a printing result of the scan image data is attached to printing results of the print data as a bundle of printing results (placeholding reads on an attached printing results of print data which indicates that inserts are necessary for a finished job/bundle, see at least col. 13, lines 47-52),

wherein the bundle of printing results is obtained by performing the first operation and the second operation sequentially in response to inputting a single user instruction as a second request via said user interface unit of said printing device (placeholding reads on an attached printing results of print data which indicates that inserts are necessary for a finished job that can be received from various remote sources and assembled as a job, see at least col. 13, lines 47-52),

wherein the print data is obtained before inputting the single user instruction and the scan image data is obtained after inputting the single user instruction (the printing station 2 shown in figure 1 of Pepin et al, with the help of a user, can obtain print data to be printed in a first operation prior to pressing a “print or start” button (single instruction), and after pressing a “print or start” button, further obtain scan image data to be printed. The printer 2 is a workstation that allows a user to edit and layout documents during workflow as a user sees fit).

Regarding claim 30, Pepin et al disclose a printing system according to Claim 29, wherein, in the case where the job output from said remote computer is said first type job corresponding to the job that the first request was performed in said remote computer, said

store controller unit causes said memory unit to store the data of said first type job in a state of raster image data without starting of the printing by said printing device (inherent since it is known that before a typical print job, e.g., a PDL file, can be printed, its contents (that are stored) must be converted to a bit-mapped image format, also known as a raster image. A raster image processor in a server or printer typically translates PDL files to a raster (or "RIP'ed") version of the file; in addition see col. 6, lines 1-4).

Regarding claim 31, Pepin et al disclose a printing system according to Claim 29, wherein said user interface controller unit causes said user interface unit of said printing device to display as said display a list screen formed to be able to discriminate document names of said plurality of jobs (the job program may display job types and tickets for the jobs to be processed, see at least Fig. 6).

Regarding claim 32, Pepin et al disclose a printing system according to Claim 29, wherein, in the case where said first type job is selected from said plurality of jobs via the display and in a case where a third request is performed via said user interface unit of said printing device, said operation controller unit causes said printing device to execute a third operation that performs printing of scan image data of two pages obtained by using the scanner unit to two sheets needed as a front cover sheet and a back cover sheet of a print of said first type job without performing said first operation, and causes said printing device to execute said second operation (delaying completion of a job based on triggered events reads on the ability of the prior art to tailor jobs and job tickets based on events such as creating covers and scanning sheets, see at least col. 2, lines 5-7 and col. 11, lines 16-20).

Regarding claim 33, Pepin et al disclose a printing system according to Claim 29, wherein, in the case where said first type job is selected from said plurality of jobs via the display and in a case where a fourth request is performed via said user interface unit of said

printing device, said operation controller unit causes said printing device to execute a fourth operation that performs printing of scan image data of three pages obtained by using the scanner unit to a plurality of insert sheets to be inserted to a print of said first type job without performing said first operation, and causes said printing device to execute said second operation (delaying completion of a job based on triggered events reads on the ability of the prior art to tailor jobs and job tickets based on events such as creating covers and scanning sheets, see at least col. 2, lines 5-7 and col. 11, lines 16-20).

Regarding claim 34, Pepin et al disclose a printing system according to Claim 29, wherein, in the case where said first type job is selected from said plurality of jobs via the display and in a case where a fifth request is performed via said user interface unit of said printing device, said operation controller unit causes said printing device to execute a fifth operation that performs printing of scan image data of four pages obtained by using the scanner unit to a plurality of insert sheets to be inserted to a print of said first type job without performing said first operation, and causes said printing device to execute said second operation (delaying completion of a job based on triggered events reads on the ability of the prior art to tailor jobs and job tickets based on events such as creating covers and scanning sheets, see at least col. 2, lines 5-7 and col. 11, lines 16-20).

Regarding claim 35, Pepin et al disclose a printing system according to Claim 29, wherein, in a case where a specific instruction is input via said user interface unit of said printing device before said second request, said operation controller unit causes to delete the data of said first type job from said memory unit after completion of said second operation (touchscreen 62 of Fig. 6 has a provision for printing and deleting a job to be processed; and col. 7, lines 54-56).

Regarding claim 36, Pepin et al disclose a printing system according to Claim 29, wherein, in a case where a job output from said remote computer is said second type job, said operation controller allows that printing of data of said second type job is started by said printing device (delaying completion of a job based on triggered events, see at least col. 2, lines 5-7 and col. 11, lines 16-20).

Claim 37, a method claim, is rejected for the same reason as claim 29.

Claim 38, a method claim, is rejected for the same reason as claim 30.

Claim 39, a method claim, is rejected for the same reason as claim 31.

Claim 40, a method claim, is rejected for the same reason as claim 32.

Claim 41, a method claim, is rejected for the same reason as claim 33.

Claim 42, a method claim, is rejected for the same reason as claim 34.

Claim 43, a method claim, is rejected for the same reason as claim 35.

Claim 44, a method claim, is rejected for the same reason as claim 36.

Claim 45, a medium storing program claim, is rejected for the same reason as claim 29 (and see col. 3, line 66 – col. 4, line 18).

Regarding claim 46, Pepin et al disclose a printing system comprising:

a unit (processor 25, col. 6, lines 19-29) configured to control a scanner (image input section 4) to obtain first data;

a unit (controller section 7, col. 6, line 64 – col. 7, line 20) configured to cause a memory unit (system memory 61, col. 7, lines 15-21) to store second data (image data transmitted from remote sources (e.g., a remote scanner), col. 5, lines 63-67);

a unit (UI 52 includes a combined operator controller/CRT display consisting of an interactive touchscreen 62, keyboard 64, and mouse 66, see at least col. 7, lines 21-23 and col.

7, lines 37-48) configured to cause a printer to print the first data obtained by using the scanner (e.g., print Covers. The scanned data can be used as a cover if a user desires to do so.);

a unit configured to cause the printer to print the second data (e.g., print page level data) (image data transmitted from remote sources (e.g., another remote scanner), col. 5, lines 63-67) stored in the memory unit; and

a unit (UI 52 includes a combined operator controller/CRT display consisting of an interactive touchscreen 62, keyboard 64, and mouse 66, see at least col. 7, lines 21-23 and col. 7, lines 37-48) configured to make certain printing results, the certain printing results being obtained by printing the first data and second data sequentially in response to inputting a single user instruction via a user interface (placeholding reads on an attached printing results of print data which indicates that inserts are necessary for a finished job that can be received from various remote sources and assembled as a job, see at least col. 13, lines 47-52.).

wherein the first data is obtained after inputting the single user instruction and the second data is obtained before inputting the single user instruction (the printing station 2 shown in figure 1 of Pepin et al, with the help of a user, can obtain print data to be printed in a first operation prior to pressing a “print or start” button (single instruction), and after pressing a “print or start” button, further obtain scan image data to be printed. The printer 2 is a workstation that allows a user to edit and layout documents during workflow as a user sees fit).

Regarding claim 47, Pepin et al disclose a printing system according to Claim 46, wherein the first data is obtained by causing the scanner to perform a scanning operation after inputting the single user instruction (a user can scan data after inputting a single print instruction. A user can also print data after scanning data. There is nothing that precludes Pepin et al from doing a certain instruction before another.).

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THOMAS J. LETT whose telephone number is (571)272-7464. The examiner can normally be reached on 8-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David K. Moore can be reached on (571) 272-7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Thomas J. Lett/
Examiner, Art Unit 2625

/David K Moore/
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